ABSTRACT OF THE DISCLOSURE

A system and method for optimizing the use of
packet-resources by releasing a hanging packet-data
connection when a Mobile Station (MS) performs a power-
down while involved in a dormant packet-data session. A
Base Station Controller (BSC) sends a message to a Mobile
Switching Center (MSC) indicating that the MS has powered
down. The MSC determines that the packet-data session is
dormant, and sends an instruction to the BSC in a class-0
connectionless transaction to release network resources
associated with the packet-data session. The BSC then
sends an instruction to a Packet Control Function (PCF)
to tear down the associated resources, and the packet-
data connection is released by a Packet Data Service Node
(PDSN) in response to the tearing down of the resources
by the PCF.